

In the claims:

Claims 1-2 cancelled.

3. (New) A method for producing a lift and a horizontal thrust by aerodynamic surfaces, comprising the steps of moving the aerodynamic surfaces along a circle around an axis of movement in a predetermined direction; simultaneously rotating each of the aerodynamic surfaces around an axis of rotation which is parallel to said axis of movement in a direction which is opposite to said predetermined direction and with an angular velocity which is equal to an angular velocity of said movement along said circle; an oscillating each of the aerodynamic surfaces simultaneously with said movement and said rotation around two further axes which are perpendicular to one another and located in planes which are perpendicular to one another and intersect one another along a corresponding one of said axes of rotation, wherein one of said planes extends through said axis of movement along the circle and said axis of rotation.

4. (New) A method as defined in claim 3, wherein the other of said planes is parallel to the axis of movement and is tangent to said circle.